

**Exhibit 2. George: Spatial Pulse Slicing and Differential Fr e-Space Time Delay**

U.S. Patent May 30, 1989 Sheet 1 of 36 4,834,474

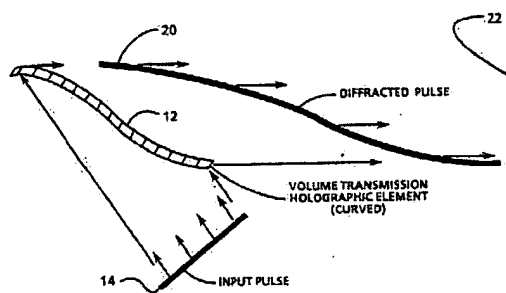
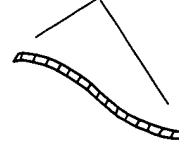


FIG. 1b

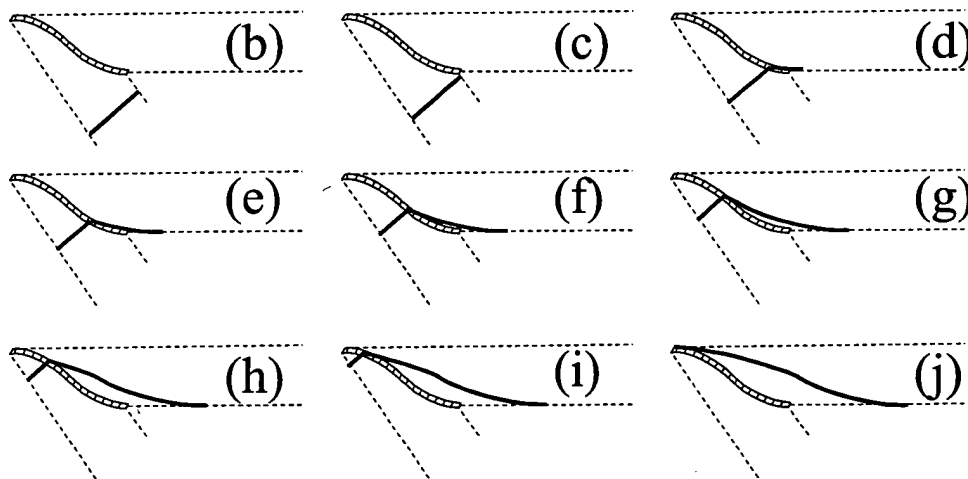
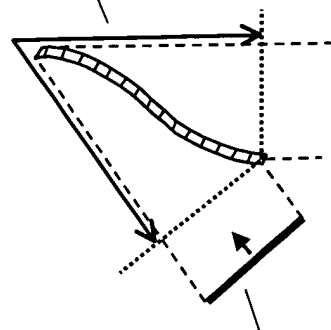
Holographic Element or Diffractive Element

(a)



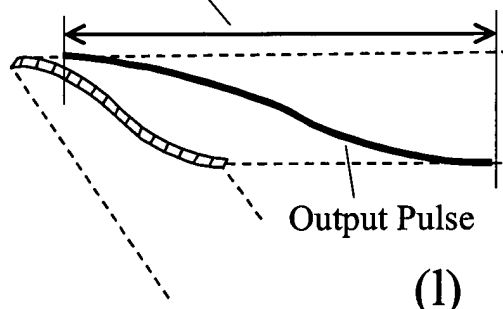
Diffractive Element = Holographic Element (George 1:20-24, 3:20-24)  
 George's "fringes" 3:20-24 reside within Diffractive Elements

Mossberg (p5 of 34: lines 23-25) defines Diffractive Elements as  
 George's "fringes" NOT George's Diffractive Elements

Optical Path Difference  $\Delta L$ 

Input pulse (spatially spread)

(k)

Optical Path Difference  $\Delta L$ 

Output Pulse

(l)